



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil

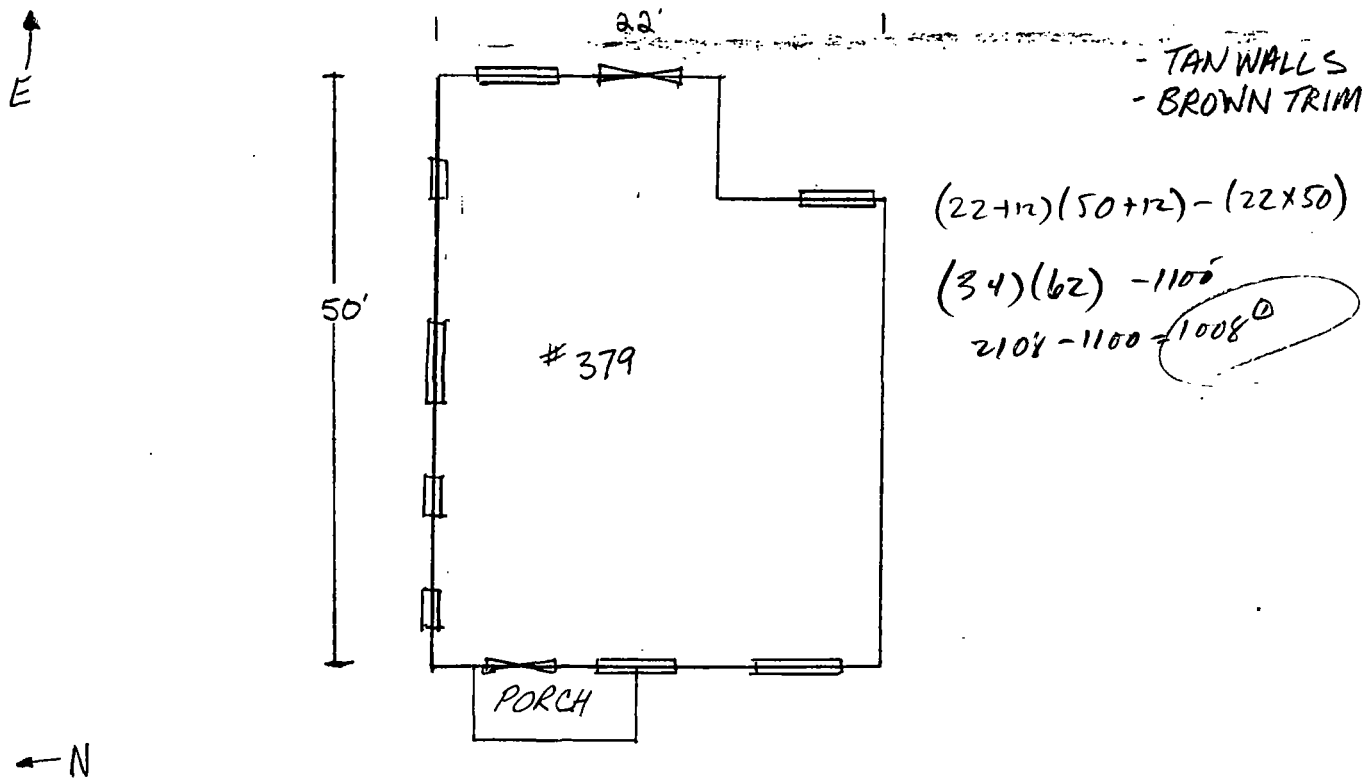
3634 Williams St

INPUTS		Units	House
General	Variable		
	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
House-specific	Bkg in clean fill	mg/kg	50
			Small
	Area of the exposure unit	m2	93.64626
	Area of the exposure unit	ft2	1008
	Concentration of lead in paint	mg/cm2	16.9
	Area of peeling paint	m2	4.7376
	Area of peeling paint	ft2	12
COMPUTATIONS			
	Mass of lead from paint	mg	8.0E+05
	Volume of soil	cm3	2.4E+06
	Mass of soil	kg	5.9E+03
	Incremental concentration	mg/kg	134.6
	Maximum acceptable area of peeling leaded paint (m2)		12.3
	Maximum acceptable area of peeling leaded paint (ft2)		132.5
DECISION			OK

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	Bkg in clean fill	mg/kg	50
			Small
House-specific	Area of the exposure unit	m2	93.64626
	Area of the exposure unit	ft2	1008
	Concentration of lead in paint	mg/cm2	16.9
	Area of peeling paint	m2	7.61964
	Area of peeling paint	ft2	19.3
COMPUTATIONS			
	Mass of lead from paint	mg	1.3E+06
	Volume of soil	cm3	2.4E+06
	Mass of soil	kg	5.9E+03
	Incremental concentration	mg/kg	216.5
	Maximum acceptable area of peeling leaded paint (m2)		12.3
	Maximum acceptable area of peeling leaded paint (ft2)		132.5
DECISION			OK

Property ID: 379	Date: 8-8-05
Address: 3634 WILLIAMS ST.	Telephone #:
Owner:	CO Certification #: 12860
Inspector/Assessor:	
Plot Plan:	



WILLIAMS STREET

	Exterior Walls - TAN				BROWN Doors/Trim			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North	CEMENT	—	—	—				
South								
East	BRICK	—	—	—	WOOD	—	—	16.9
West	BRICK	—	—	—				

	Window Trim/Fascia/Soffit - BROWN				Patios/Decks/Porches			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North	WOOD	6'2"	PEEL	14.0				
South								
East								
West	WOOD	6'2"	PEEL	14.5				

	Metal Trim/Gutters/Downspouts				Misc Structures/Garage/Fences			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North								
South								
East								
West								

August 8, 2005

LBP Assessment Results

Strata Environmental Resource

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Center at (303) 312-6473.

Property # 379 / 3634 Williams Street



West porch exposure of house



North wood window frames contain peeling lead paint



West wood window frame
contains peeling lead paint